Table 17. Assessed Lakes Not Fully Supporting Designated or Attainable Uses.

Water Body (Basin, segment) Evaluated or Monitored (E/M)	Trophic Status ^a	Uses Not Fully Supported or Uses Threatened ^b (see Table 18a)	Probable Cause of Nonsupport	Toxics at Acute Levels ^c	Toxics at Chronic Levels ^c		Total Size Affected (Acres)	Status of Support ^d
Lagunitas Lakes (Rio Grande, 2120) E	Е	HQCWF	Nutrients, pH, Siltation, Dissolved oxygen	-	-	Agriculture (1500), Recreation (8700, 8701, 8702, 8703), Reduction of riparian vegetation (760) Bank destabilization (7700)	10	U
Laguna Larga (Rio Grande, 2120) E	ND	HQCWF	Nutrients, pH, Siltation, Dissolved oxygen	-	-	Agriculture (1500), Recreation (8700, 8701, 8702, 8703), Reduction of riparian vegetation (760) Bank destabilization (7700)	15	U
Cabresto Lake (Rio Grande, 2120) M	M	HQCWF	Fish tissue mercury	-	Hg (Fish)	Unknown (9000)	15	PS
Heart Lake (Rio Grande, 2120) E	ND	HQCWF	Nutrients, pH, Siltation, Dissolved oxygen	-	-	Agriculture (1500), Recreation (8700, 8701, 8702, 8703), Reduction of riparian vegetation (760) Bank destabilization (7700)	3	U
Shuree Ponds (Rio Grande, 2120) E	ND	HQCWF	Nutrients, pH, Siltation, Dissolved oxygen	-	-	Agriculture (1500), Recreation (8700, 8701, 8702, 8703), Reduction of riparian vegetation (760) Bank destabilization (7700)	8	U

OM = Oligomesotrophic

O = Oligotrophic

a Trophic status based on Carlson trophic state index:
ND = Not determined E = Eutrophic ME = Mesoeutrophic M = Mesotrophic
Conclusions concerning attainment of fishery uses are largely based on water quality analysis, where available, biological data are used to verify these results.

All toxins for which EPA has prepared a federal Clean Water Act § 304(a) guidance document were reviewed as required by EPA.

Use support summary for assessed New Mexico Lakes:
FST = Fully supporting but threatened PS = Partially supporting NS = Not supporting U = Unknown/la M = Mesotrophic

U = Unknown/lack of current data precludes adequate evaluation

Table 17. Assessed Lakes Not Fully Supporting Designated or Attainable Uses, continued.

Water Body (Basin, segment) Evaluated or Monitored (E/M)	Trophic Status ^a	Uses Not Fully Supported or Uses Threatened ^b (see Table 18a)	Probable Cause of Nonsupport	Toxics at Acute Levels ^c	Toxics at Chronic Levels ^c	Probable Sources Total of Nonsupport Affect (See Table 18b) (Acr	eted of
Alice Lake (Rio Grande, 1120) E	ND	HQCWF	Nutrients, pH, Siltation, Dissolved oxygen	-	-	Agriculture (1500), 4 Recreation (8700, 8701, 8702, 8703), Reduction of riparian vegetation (7600), Bank destabilization (7700)	U
Goose Lake (Rio Grande, 1120) E	E	HQCWF	Nutrients, Siltation	-	-	Agriculture (1500), 5 Recreation (8700, 8701, 8702, 8703), Reduction of riparian vegetation (7600), Bank destabilization (7700)	NS
San Leonardo Lake (Rio Grande,2120) M	О	HQCWF	рН	-	-	Natural (8600) 5	FST
Heron Reservoir (Rio Grande, 2117)M	OM	HQCWF	Fish tissue mercury	-	Hg (Fish)	Unknown (9000) 5,96	PS PS
El Vado Reservoir (Rio Grande, 2117) M	M	CWF	Nuisance algae, Siltation, Fish tissue mercury	-	Hg (Fish)	Agriculture (1500), 3,50 Recreation (8700), Unknown (9000)	OO PS
Canjilon Lakes (Rio Grande, 2116) M	M to E	HQCWF	Nutrients, pH, Siltation, Dissolved oxygen	-	-	Agriculture (1500), 18 Recreation (8700, 8701, 8702, 8703), Reduction of riparian vegetation (7600), Bank destabilization (7700)	FST FST
Abiquiu Reservoir (Rio Grande, 2114) M	OM	CWF, WWF	Siltation	-	-	Spills (8400), 4,0 Agriculture (1500), Unknown (9000)	00 FST

Hopewell Lake (Rio Grande, 2112) E	E	HQCWF	pH, Dissolved oxygen, Turbidity, Nuisance algae, Siltation	-	-	Recreation (8700), Agriculture (1500), Reduction of riparian vegetation (76 Bank destabilization (7700)	14 500),	PS
Cochiti Reservoir (Rio Grande, 2109) M	Е	WWF, CWF	Siltation, Nuisance algae, Pesticides	-	-	Agriculture (1500)	1,240	PS
Fenton Lake (Rio Grande, 2106) E	Е	HQCWF, SC	Total phosphorus, Nuisance algae, Siltation	-	-	Land disposal (6500), Agriculture (1500), Recreation (8700), Road Maintenance (8300), Reduction of riparian vegetation (76	27 500),	PS
Bluewater Reservoir (Rio Grande, 2106) M	ME	HQCWF	Metals, Turbidity, Nutrients, Temperature, Conductivity, Siltation	Al	Cd	Agriculture (1500), Silviculture (2000), Recreation (8700, 8702), Road Maintenance (8300), Reduction of riparian vegetation (76 Bank destabilization (7700)	2,350	FST
Elephant Butte Reservoir (Rio Grande, 2104) E	Е	WWF	Metals, Fish tissue mercury Siltation,	-	Hg (Fish)	Agriculture (1500), Recreation (8700), Unknown (9000)	40,000	PS
Caballo Reservoir (Rio Grande, 2102) M	Е	WWF	Nutrients, Fish tissue mercury Siltation,	-	Hg (Fish)	Agriculture (1500), Recreation (8700), Unknown (9000)	11,000	PS
McAllister Lake (Pecos River, 2211.3) M	E	CWF, SC	Nutrients, Nuisance algae, Siltation	-	-	Recreation (8700, 8701), Natural (8600), Agriculture (1201), Reduction of riparian vegetation (760)	100	PS

OM = Oligomesotrophic

O = Oligotrophic

 $M \ = Mesotrophic$

U = Unknown/lack of current data precludes adequate evaluation

Table 17. Assessed Lakes Not Fully Supporting Designated or Attainable Uses, continued.

Water Body (Basin, segment) Evaluated or Monitored (E/M)	Trophic Status ^a	Uses Not Fully Supported or Uses Threatened ^b (see Table 18a)	Probable Cause of Nonsupport	Toxics at Acute Levels ^c	Toxics at Chronic Levels ^c	Probable Sources of Nonsupport Affected (See Table 18b) (Acres)	Status of Support
Storrie Reservoir (Pecos River, 2211.5)M	M	CWF, WWF	Nutrients, Siltation	-	-	Agriculture (1500), 1,200 Recreation (8700, 8701, 8702), Reduction of riparian vegetation (7600), Bank destabilization (7700)	FST
Santa Rosa Lake (Pecos River, 2210) M	ME	WWF	Nutrients, Siltation, Fish tissue mercury	-	Hg (Fish)	Agriculture (1500), 1,500 Recreation (8700, 8701, 8702), Unknown (9000), Reduction of riparian vegetation (7600), Bank destabilization (7700)	PS
Power Dam Lake (Pecos River, unclassified) E	ND	MCWF, WWF	Nutrients, Siltation	-	-	Agriculture (1500), 20 Recreation (8700, 8701, 8702), Reduction of riparian vegetation (7600), Bank destabilization (7700)	U
Sumner Reservoir (Pecos River, 2210) M	Е	WWF	Nutrients, Nuisance algae, Siltation, Fish tissue mercury	-	Hg (Fish)	Agriculture (1500), 4,650 Recreation (8700), Unknown (9000), Reduction of riparian vegetation (7600), Bank destabilization (7700)	PS
Alto Lake (Pecos River, 2209) E	E	HQCWF	Dissolved oxygen, Nutrients, Nuisance algae, Siltation, Turbidity	-	-	Agriculture (1500), 20 Recreation (8700), Silviculture (2300), Reduction of riparian vegetation (7600), Bank destabilization (7700)	PS

Bonito Lake (Pecos River, 2209) E	Е	HQCWF	pH, Dissolved oxygen, Nutrients, Nuisance algae, Turbidity, Siltation	-	-	Agriculture (1500), Recreation (8700), Silviculture (2300), Reduction of riparian vegetation (76 Bank destabilization (7700)	45 00),	FST
Brantley Reservoir (Pecos River, 2205) M	ME	WWF	Fish tissue mercury	-	Hg (Fish)	Unknown (9000)	2,000	PS
Avalon Reservoir (Pecos River, 2204) M	Е	WWF	Fish tissue mercury, Siltation, Nutrients	-	Hg (fish)	Unknown (9000), Agriculture (1200, 1500)	930	PS
Tansill Lake (Pecos River, 2203) E	ND	WWF	Nutrients, Siltation	-	-	Recreation (8700, 8701, 8702, 8703), Hydromodification (7400), Construction (3200), Reduction of riparian vegetation (76 Bank destabilization (7700)	94	U
Bataan Lake (Pecos River, 2203) E	ND	WWF	Nutrients, Siltation	-	-	Recreation (8700, 8701, 8702, 8703), Hydromodification (7400), Construction (3200), Reduction of riparian vegetation (76 Bank destabilization (7700)	42	U
Lake Maloya (Canadian River, 2306) M	E	HQCWF	Metals, Nutrients, Nuisance algae	Zn	-	Recreation (8700), Road Maintenance (8300), Unknown (9000), Reduction of riparian vegetation (76 Bank destabilization (7700)	150	FST

OM = Oligomesotrophic

O = Oligotrophic

 $M \ = Mesotrophic$

U = Unknown/lack of current data precludes adequate evaluation

Table 17. Assessed Lakes Not Fully Supporting Designated or Attainable Uses, continued.

Water Body (Basin, segment) Evaluated or Monitored (E/M)	Trophic Status ^a	Uses Not Fully Supported or Uses Threatened ^b (see Table 18a)	Probable Cause of Nonsupport	Toxics at Acute Levels ^c	Toxics at Chronic Levels ^c	Probable Sources of Nonsupport (See Table 18b)	Total Size Affected (Acres)	Status of Support ^d
Eagle Nest Lake (Canadian River, 2306) M	E 1	HQCWF	Nutrients, Nuisance algae, Siltation	-	-	Agriculture (1500), Recreation (8700, 8701), Reduction of riparian vegetation (2,000 (7600),	FST
						Bank destabilization (7700))	
Morphy Lake (Canadian River, 2306) E	E	HQCWF	Nutrients, pH, Dissolved oxygen, Siltation	-	-	Agriculture (1500), Silviculture (2000), Recreation (8700)	50	PS
Springer Lake (Canadian River, unclassified) M	M	MCWF, WWF	Nutrients, Siltation	-	-	Agriculture (1500), Recreation (8700), 8701, 8702, 8703)	450	FST
Charette Lakes (Canadian River, 2305.5) M	E	CWF, WWF	Temperature, Nutrients, Fish tissue mercury, Siltation	-	Hg (Fish)	Agriculture (1500), Recreation (8700, 8701, 8702, 8703), Unknown (9000)	410	FST
Maxwell Lake #12 (Canadian River, unclassified) M	Е	CWF, WWF	Nutrients, Siltation	-	-	Agriculture (1500), Unknown (9000)	335	FST
Maxwell Lake #13 (Canadian River, unclassified) M	E	CWF, WWF	Nutrients, Siltation, Pesticides	-	-	Agriculture (1200), Unknown (9000)	326	FST
Maxwell Lake #14 (Canadian River, unclassified) M	E	CWF, WWF	Nutrients, Siltation	-	-	Agriculture (1200), Unknown (9000)	120	FST

Stubblefield Reservoir (Canadian River, unclassified) M	E	CWF, WWF	Nutrients, Siltation	-	-	Agriculture (1500), Recreation (8700, 8701)	683	FST
Laguna Madre (Canadian River, unclassified) M	E	CWF, WWF	Nutrients, Siltation	-	-	Agriculture (1200, 1500), Recreation (8700, 8701), Reduction of riparian vegetation (7 Bank destabilization (7700)	390 600),	FST
Conchas Reservoir (Canadian River, 2304) M	M	WWF	Nutrients, Fish tissue mercury	-	Hg (Fish)	Agriculture (1500), Recreation (8700, 8701), Unknown (9000), Reduction of riparian vegetation (7 Bank destabilization (7700)	16,600 600),	PS
Clayton Lake (Canadian River, unclassified) M	ME	WWF	Dissolved oxygen, Nutrients, Siltation	-	-	Agriculture (1500), Recreation (8700, 8701, 8702), Reduction of riparian vegetation (7 Bank destabilization (7700)	176 600),	FST
Ute Reservoir (Canadian River, 2302) unclassifed) M	M	WWF	Metals, Fish tissue mercury, Siltation	-	Al, Hg, (Fish)	Agriculture (1500), Recreation (8700, 8701)	8,200	PS
Lake Farmington (Beeline) (San Juan River, 2401) M	O	WWF	Fish tissue mercury	-	Hg (Fish)	Unknown (9000)	198	PS
Navajo Reservoir (San Juan River, 2406) M	OM	CWF, WWF	Metals, Fish tissue mercury	-	Hg (Fish)	Unknown (9000)	15,000	PS
Jackson Lake (San Juan River, unclassified) M	E	MCWF, WWF	Nutrients	-	-	Ariculture (1500), Recreation (8700), Hydromodification (7400), Reduction of riparian vegetation (7 Bank destabilization (7700)	60 600),	FST

Quemado Lake (Lower Colorado River, unclassified) E	E	CWF	Nutrients, Nusiance algae, Siltation, Agriculture	- Natural (8600), 130 PS Silviculture (2100), Recreation (8700), Agriculture (1500), Reduction of riparian vegetation (7600), Bank destabilization (7700)
Ramah Lake		WH, LW, IRR, MCWF, SCR	Nutrients, Nusiance algae, Siltation, Agriculture	- Natural (8600), 130 U Silviculture (2100), Recreation (8700), Agriculture (1500), Reduction of riparian vegetation (7600), Bank destabilization (7700)
McGaffey Lake (Lower Colorado River, unclassified) M	E	CWF, SC	pH, Nutrients, Nuisance algae, Siltation	- Natural (8600), 13 NS Recreation (8700, 8701), Road Maintenance (8300), Reduction of riparian vegetation (7600), Bank destabilization (7700)
Snow Lake (Gila River, 2503) E	E	MQCWF, SC	Nutrients, Nuisance algae, Siltation	- Natural (8600), 100 FST Silviculture (2000), Agriculture (1500), Reduction of riparian vegetation (7600), Bank destabilization (7700)
Wall Lake (Gila River, unclassified) E	Е	HQCWF, SC	Dissolved oxygen Nutrients, Nuisance algae, Siltation	- Agriculture (1500), 10 PS Silviculture (2000), Natural (8600), Road Maintenance (8300), Reduction of riparian vegetation (7600), Bank destabilization (7700)

OM = Oligomesotrophic

O = Oligotrophic

 $M \ = Mesotrophic$

U = Unknown/lack of current data precludes adequate evaluation

Table 17. Assessed Lakes Not Fully Supporting Designated or Attainable Uses, continued.

Water Body (Basin, segment) Evaluated or Monitored (E/M)	Trophic Status ^a	Uses Not Fully Supported or Uses Threatened ^b (see Table 18a)	Probable Cause of Nonsupport	Toxics at Acute Levels ^c	Toxics at Chronic Levels ^c	Probable Sources Total Sources of Nonsupport Affect (See Table 18b) (Acre	ed of
Lake Roberts (Gila River, unclassified) E	Е	CWF, SC	Dissolved oxygen, Nutrients, Siltation	-	-	Natural (8600), 71 Agriculture (1500), Land Disposal (6500), Reduction of riparian vegetation (7600), Bank destabilization (7700)	FST
Bear Canyon Reservoir (Southwestern Closed Basins, 2804) E	E	HQCWF	Dissolved oxygen, Nutrients, Siltation	-	-	Agriculture (1500), 22 Reduction of riparian vegetation (7600), Bank destabilization (7700)	PS
		Assess	eed <i>Playa</i> Lakes Not F	'ully Supporti	ng Attainable	e Uses	
Chicosa Lake (Canadian River, unclassified) E	ND	WWF	pH, Dissolved oxygen, Nutrients, Siltation	-	-	Agriculture (1500), 40 Recreation (8700, 8701, 8702) Reduction of riparian vegetation (7600), Bank destabilization (7700)	U
Laguna Gatuna	NA	WH, LW	High salinity, siltation	-	-	Agriculture (1500), 392 Resource Extraction (5500, 5900), Unknown (9000), Reduction of riparian vegetation (7600)	NS
Williams Sink	NA	WH, LW	High salinity	-	-	Mill Tailing (5600), 350 Salt Storage Site (8900)	PS
Lane Salt Lake	NA	WH, LW	High salinity	-	-	Agriculture (1500), 400 Resource Extraction (5501), Natural (8600)	NS

Middle Lake (4 lakes area)) NA	WH, LW	High salinity, Siltation	-	-	Agriculture (1500), Natural (8600), Reduction of riparian vegetation (7600	40	FST
Laguna Uno	NA	WH, LW	High salinity, Siltation, Mine waste	-	-	Agriculture (1500), Mill and Mine Tailings (5600, 5700), Reduction of riparian vegetation (7600)	600	NS
Laguna Walden	NA	WH, LW	Siltation	-	-	Agriculture (1500), Natural (8600), Reduction of riparian vegetation (7600	60	FST
Laguna Quatro	NA	WH, LW	High salinity, Siltation	-	-	Agriculture (1500), Resource Extraction (5500, 5900), Unknown (9000), Reduction of riparian vegetation (7600	150	NS
Laguna Tres	NA	WH, LW	High salinity	-	-	Agriculture (1500), Resource Extraction (5200, 5500)	400	NS
Chicosa Lake	U	WH, LW	Siltation	-	-	Agriculture (1500), Reduction of riparian vegetation (7600	40	PS
"Sacaton" (No Name) Play	ya NA	WH, LW	Siltation	-	-	Agriculture (1400, 1500)	600	FST
N. Lordsburg Playa	NA	WH, LW	Siltation, High radium	-	-	Agriculture (1500), Natural (8600), Unknown (9000)	2,880	PS
S. Lordsburg Playa	NA	WH, LW	Siltation	-	-	Agriculture (1500), Highway Maintenance/Runoff (8300), Natural (8600)	7,040	FST

OM = Oligomesotrophic

O = Oligotrophic

U = Unknown/lack of current data precludes adequate evaluation

Table 17. Assessed Playa Lakes Not Fully Supporting Designated or Attainable Uses, continued.

Water Body (Basin, segment) Evaluated or Monitored (E/M)	Trophic Status ^a	Uses Not Fully Supported or Uses Threatened ^b (see Table 18a)	Probable Cause of Nonsupport	Toxics at Acute Levels ^c	Toxics at Chronic Levels ^c	Probable Sources of Nonsupport (See Table 18b)	Total Size Affected (Acres)	Status of Support
S. Lake Lucero	NA	WH, LW	High Salinity, Siltation	-	-	Natural (8600), Unknown (9000), Reduction of riparian vegetation (760	3,885	PS
N. Lake Lucero	NA	WH, LW	Siltation	-	-	Natural (8600), Unknown (9000), Reduction of riparian vegetation (760	3,895	PS
Lake Stinky	M	WH, LW	High pH, Siltation	-	-	Hydromodification (7400), Road/Parking Lot Runoff (8701), Natural (8600)	25	PS
Gabaldon Lake	M	WH, LW	High pH, Siltation	-	-	Silviculture (2200), Dredging (7200), Natural (8600)	5	PS
Pine Lake	E	WH, LW	Siltation	-	-	Agriculture (1500), Natural (8600), Unknown (9000) Bank destabilization (7700)	80	FST
"Little El Caso" Lk (NN)	M	WH, LW	Siltation	-	-	Agriculture (1500), Natural (8600), Unknown (9000) Bank destabilization (7700)	10	FST
"Laguna Seco" (NN)	ME	WH, LW	Siltation	-	-	Agriculture (1400, 1500), Road Construction Maintenance (2300), Bank destabilization (7700)	20	FST

Laguna Americana	ME	WH, LW	Siltation	-	-	Agriculture (1500), Hydromodification (7200, 7600), Reduction of riparian vegetation (7600	10	PS
T6NR13WS19 (NN)	ME	WH, LW	Siltation	-	-	Agriculture (1500), Reduction of riparian vegetation (7600	4	PS
El Caso Lake (Big)	Е	WH, LW	Siltation	-	-	Agriculture (1500), Natural (8600), Unknown (9000), Bank destabilization (7700)	80	FST
Green Acres Lake	Е	WH, LW, WWF	Siltation, Nutrients, Oil and grease	-	-	Urban runoff/stormsewers (4000), Highway maintenance/ Runoff (8300), Natural (8600), Refus Disposal/Littering (8703), Unknown (9000), Reduction of riparian vegetation (7600) Bank destabilization (7700)		PS
Little Tule Lake	Е	WH, LW	Siltation	-	-	Agriculture (1400, 1500), Bank destabilization (7700)	8	FST
Tule Lake	Е	WH, LW	Siltation	-	-	Agriculture (1400, 1500), Bank destabilization (7700)	50	FST
Dennis Chavez Lake	E	WH, LW, WWF	Siltation, Nutrients, Oil and grease	-	-	Urban runoff/storm sewers (4000), Natural (8600), Refuse desposal/littering (8703)	4	PS
Laguna del Perro	ME	WH, LW	Siltation	-	-	Agriculture (1400, 1500)	4,690	FST
"Mikes" Playa (NN)	ME	WH, LW	Siltation	-	-	Agriculture (1400, 1500), Bank destabilization (7700)	30	FST

OM = OligomesotrophicO = Oligotrophic NA = Not Applicable

U = Unknown/lack of current data precludes adequate evaluation

Table 17. Assessed Playa Lakes Not Fully Supporting Designated or Attainable Uses, continued.

Water Body (Basin, segment) Evaluated or Monitored (E/M)	Trophic Status ^a	Uses Not Fully Supported or Uses Threatened ^b (see Table 18a)	Probable Cause of Nonsupport	Toxics at Acute Levels ^c	Toxics at Chronic Levels ^c	of Nonsupport A	tal Size ffected Acres)	Status of Support
Williams Playa	Е	WH, LW	Nutrients, Nuisance algae	-	-	Urban runoff/storm sewers (4000), Domestic point source (0201), Natural (8600)	15	FST
Ingram Playa	Е	WH, LW	Nutrients, Nuisance algae	-	-	Urban runoff/stormsewers (4000), Natural (8600)	8	FST
Malpais Springs	ME	WH, LW	Siltation	-	-	Agriculture (1500), Natural Natural (8600), Reduction of riparian vegetation (7600), Bank destabilization (7700)	1	FST
Mound Springs	ME	WH, LW	Siltation	-	-	Agriculture (1500), Natural (8600), Reduction of riparian vegetation (7600), Bank destabilization (7700)	1	FST

ME = Mesoeutrophic

M = Mesotrophic

OM = Oligomesotrophic

O = Oligotrophic

NA = Not Applicable

NS = Not supporting

U = Unknown/lack of current data precludes adequate evaluation

b Conclusions concerning attainment of fishery uses are largely based on water quality analysis, where available, biological data are used to verify these results.

^c All toxins for which EPA has prepared a federal Clean Water Act § 304(a) guidance document were reviewed as required by EPA.

 $[\]label{eq:continuous} \begin{array}{ll} d & \text{Use support summary for assessed New Mexico Lakes:} \\ FST = Fully supporting but threatened & PS = Partially supporting \end{array}$